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- 1. A fabric comprising:
 - a first set of paper yarns in a warp direction; and
- a second set of paper yarns tightly woven with the first set of yarns in a substantially perpendicular weft direction.
 - 2. The fabric of claim 1, wherein each set of yarns has a density such that a sum of each density is at least about 20 yarns/in.
 - 3. The fabric of claim 1, wherein each set of yarns has a density of at least about 6 yarns/in.
 - 4. A method of weaving a paper fabric, comprising providing paper yarns; and weaving the paper yarns on a wide loom.
 - 5. The method of claim 4, wherein the paper yarns are tightly woven.
- 20 6. The method of claim 4, wherein the yarns are prepared by twisting wetted paper.
 - 7. The method of claim 6, wherein the weaving occurs immediately after twisting.
- 8. The method of claim 4, wherein the yarns are provided to the loom at a controlled tension.
 - 9. The method of claim 4, further comprising a step of applying a backing to the woven paper yarns.
- 30 10. The method of claim 4, further comprising a step of cutting the woven yarns to form a rug.